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- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR OBTAINING AN ANTI-TUMOR SUBSTANCE FROM EVEN-TOE HOOFED MAMMALS

(57) Abstract: Method for obtaining an anti-tumor substance from even-toe hoofed mammals (artio-dactylous animals) having leucosis, and according to a first alternative, the substance is obtained from the lipid-free blood plasma fraction of the animal, and the blood is taken from a pregnant female donor animal being in the 2nd or 3rd period of pregnancy up to at most the beginning of the first week preceding delivery. According to a second alternative the substance is obtained from the colostrum of the female donor animal, being preferably cow or sheep.

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## INTERNATIONAL SEARCH REPORT

Inter Application No

PC1/HU 03/00004

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K35/16 A61K35/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 00 40256 A (BERTHA ANDRAS ;MARTYN ROBERT NEE HF (HU)) 13 July 2000 (2000-07-13) cited in the application page 2, line 23 -page 4, line 6; claims 1,3-5 page 45, line 22 -page 47, line 4</p> <p style="text-align: center;">-/--</p>	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A

MARTYN R: "ZUSAETZLICHE BEHANDLUNG DES  
KOLLUMKARZINOM IM III. STADIUM MIT  
INKUBIERTEN LEUKAEMIEBLUT NACH  
STRAHLENTHERAPIE"  
ZENTRALBLATT FUER GYNAEKOLOGIE, JOHANN  
AMBROSIUS BARTH, LEIPZIG, DE,  
vol. 93, no. 19, 1971, pages 634-639,  
XP002067385  
ISSN: 0044-4197  
page 634, paragraph 1 - paragraph 2  
page 634, paragraph 6  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0040256 A	13-07-2000	HU 9900045 A2	28-12-2000
		AU 2122500 A	24-07-2000
		WO 0040256 A1	13-07-2000

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